

S/N 09/990635

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Hemasiri Vithana	Examiner:	Unknown
Serial No.:	09/990635	Group Art Unit:	2871
Filed:	November 21, 2001	Docket:	4351-2US1
Title:	METHOD AND APPARATUS FOR A REFLECTIVE LIQUID CRYSTAL DISPLAY SYSTEM USING A ROTATIONAL OFFSET ANGLE TO IMPROVE PHOTOPIC CONTRAST		



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(1) and 37 C.F.R. §1.97(e)(1), Applicant states that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement.

It is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if a final action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 50-2363 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :09/990635

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Title: Method and Apparatus for a Reflective Liquid Crystal Display System Using a Rotational Offset Angle to Improve Photopic Contrast

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

HEMASIRI VITHANA

By his Representatives,

Bruce T. Neel

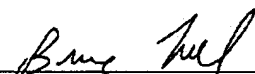
c/o PortfolioIP

P.O. Box 52050

Minneapolis, MN 55402

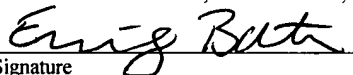
(602) 256-4429

Date June 6, 2003

By 
Bruce T. Neel
Reg. No. 37,406

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6 day of June, 2003

Name Emily Bates

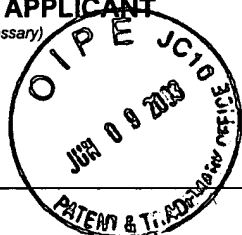

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number 09/990635**Filing Date** November 21, 2001**First Named Inventor** Hemasiri Vithana**Gr up Art Unit** 2871**Examiner Name** Unknown

Sheet 1 of 1

Attorney Docket No: 4351-2US1**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,490,003	02/06/1996	Van Sprang, Hendrik A.	359	63	10/21/1993

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-0377757	07/18/1990	Sonehara, Tomio, et al.	G02F	1/133	
	EP-0811870	12/10/1997	Yang, Kei-Hsiung	G02F	1/139	
	EP-0985953	03/15/2000	Yeung, Steve W., et al.	G02F	1/139	
	JP-11007020	01/12/1999	Shinji, Shimada			

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WU, SHIN-TSON, et al., "Bisector Effect on the Twisted-Nematic Cells", Japanese Journal of Applied Physics, Vol. 37(128), (12/15/98), L1497-L1500	
		WU, SHIN-TSON, et al., "Mixed-mode twisted nematic liquid crystal cells for reflective displays", Appl. Phys. Lett., Vol. 68(11), (3/11/96), 1455-1457	

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EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hemasiri Vithana

Title: Method and Apparatus for a Reflective Liquid Crystal Display System Using a Rotational Offset Angle to Improve Photopic Contrast

Docket No.: 4351-2US1

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Examiner: Unknown

Serial No.: 09/990635

Due Date: N/A

Group Art Unit: 2871



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
 - ☒ An Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 7 cited documents.
 - ☒ Copy of European Search Report (5 pgs.).
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If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 50-2363.

Bruce T. Neel c/o PortfolioIP
P.O. Box 52050, Minneapolis, MN 55402 (602-256-4429)

By: Bruce T. Neel
Atty: Bruce T. Neel
Reg. No. 37,406

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6 day of June, 2003.

Emily Bates
Name

Emily Bates
Signature

(GENERAL)